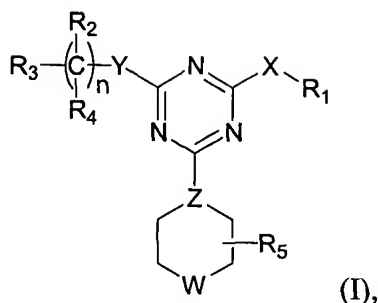
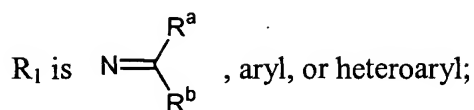


WHAT IS CLAIMED IS:

1. A compound of formula (I):



wherein



each of R_2 , R_4 , and R_5 , independently, is R^c , halogen, nitro, nitroso, cyano, azide, isothionitro, SR^c , or OR^c ;

R_3 is R^c , alkenyl, alkynyl, aryl, heteroaryl, cyclyl, heterocyclyl, OR^c , $\text{OC(O)}R^c$, SO_2R^c , $\text{S(O)}R^c$, $\text{S(O}_2\text{)NR}^cR^d$, SR^c , NR^cR^d , NR^cCOR^d , $\text{NR}^c\text{C(O)OR}^d$, $\text{NR}^c\text{C(O)NR}^cR^d$, $\text{NR}^c\text{SO}_2R^d$, COR^c , C(O)OR^c , or C(O)NR^cR^d ;

n is 0, 1, 2, 3, 4, 5, 6, or 7;

X is O, S, S(O) , $\text{S(O}_2\text{)}$, or NR^c ;

Y is a covalent bond, CH_2 , C(O) , C=N-R^c , C=N-OR^c , C=N-SR^c , O, S, S(O) , or $\text{S(O}_2\text{)}$;

Z is N; and

W is O, S, S(O) , $\text{S(O}_2\text{)}$, NR^c , or NC(O)R^c ;

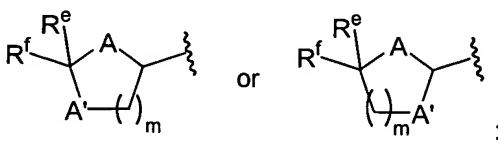
in which each of R^a and R^b , independently, is H, alkyl, aryl, heteroaryl; and each of R^c and R^d , independently, is H, alkyl, or alkylcarbonyl.

2. The compound of claim 1, $\text{N}=\text{C}(\text{R}^a)(\text{R}^b)$ wherein R_1 is .

3. The compound of claim 2, wherein W is O.

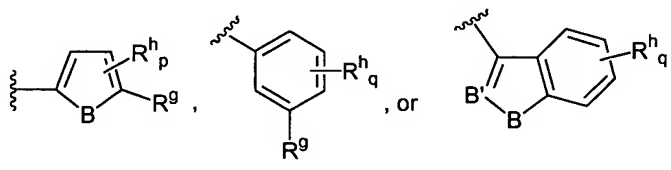
4. The compound of claim 3, wherein R_5 is H or alkyl.

5. The compound of claim 2, wherein X is NR^c .
6. The compound of claim 5, wherein R^c is H, methyl, ethyl, or acetyl.
7. The compound of claim 2, wherein Y is O or CH_2 , and n is 0, 1, 2, 3, or 4.
8. The compound of claim 7, wherein R_3 is aryl or heteroaryl.
9. The compound of claim 8, wherein R_3 is pyridinyl.
10. The compound of claim 7, wherein R_3 is OR^c , SR^c , C(O)OR^c , or $\text{C(O)NR}^c\text{R}^d$.
11. The compound of claim 7, wherein R_3 is



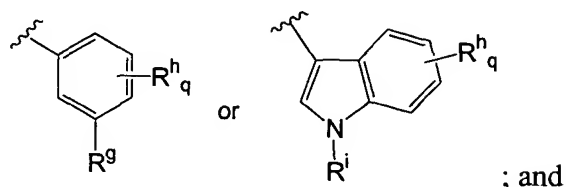
in which each of A and A', independently, is O, S, or NH;
each of R^e and R^f , independently is H, alkyl, aryl, or heteroaryl; and
m is 1 or 2.

12. The compound of claim 2, wherein one of R^a and R^b is



in which B is NR^i , O, or S;
B' is N or CR^i ;
 R^g is H, alkyl, or alkoxyl;
 R^h is halogen, CN, hydroxyl, alkyl, aryl, heteroaryl, alkoxyl, aryloxy, or heteroaryloxy;
 R^i is H, alkyl, or alkylcarbonyl;
p is 0, 1, or 2; and
q is 0, 1, 2, 3, or 4.

13. The compound of claim 12, wherein one of R^a and R^b is



the other of R^a and R^b is alkyl.

14. The compound of claim 13, wherein R^g is H, methyl, ethyl, methoxy, or ethoxy; R^h is F, Cl, CN, methoxy, methyl, or ethoxy; R^i is H, methyl, ethyl, or acetyl, and q is 0, 1, or 2.

15. The compound of claim 14, wherein R^g is methyl or methoxy; R^i is H; and q is 0.

16. The compound of claim 14, wherein W is O; and R_5 is H or alkyl.

17. The compound of claim 16, wherein X is NR^c ; and R^c is H, methyl, ethyl, or acetyl.

18. The compound of claim 17, wherein Y is O or CH_2 ; and n is 0, 1, 2, 3, or 4.

19. The compound of claim 18, wherein R_3 is aryl or heteroaryl.

20. The compound of claim 19, wherein R_3 is pyridinyl.

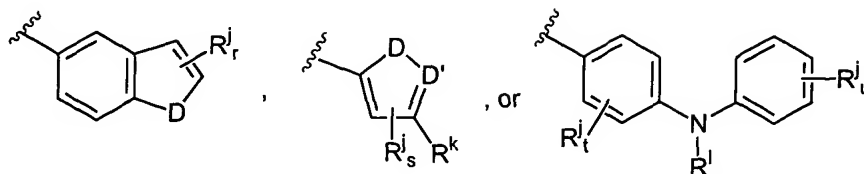
21. The compound of claim 14, wherein Y is O or CH_2 , and n is 0, 1, 2, 3, or 4.

22. The compound of claim 21, wherein R_3 is aryl or heteroaryl.

23. The compound of claim 22, wherein R_3 is pyridinyl.

24. The compound of claim 1, wherein R_1 is aryl or heteroaryl.

25. The compound of claim 24, wherein R_1 is



in which D is O, S, or NR^m ;

D' is N or CR^m ;

R^j is halogen, CN, hydroxyl, alkyl, aryl, heteroaryl, alkoxy, aryloxy, or heteroaryloxy;

R^k is aryl or heteroaryl;

R^1 is H, alkyl, or alkylcarbonyl;

R^m is H, alkyl, or alkylcarbonyl;

r is 0, 1, or 2;

s is 0 or 1;

t is 0, 1, 2, 3, or 4; and

u is 0, 1, 2, 3, 4, or 5.

26. The compound of claim 25, wherein X is NR^c ; and R^c is H, methyl, ethyl, or acetyl.

27. The compound of claim 26, wherein W is O; and R_5 is H or alkyl.

28. The compound of claim 27, wherein Y is O or CH_2 ; and n is 0, 1, 2, 3, or 4.

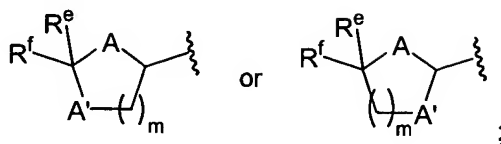
29. The compound of claim 25, wherein Y is O or CH_2 ; and n is 0, 1, 2, 3, or 4.

30. The compound of claim 29, wherein R_3 is aryl or heteroaryl.

31. The compound of claim 30, wherein R_3 is pyridinyl.

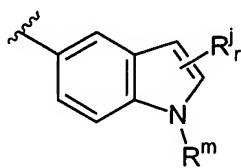
32. The compound of claim 29, wherein R_3 is OR^c , SR^c , $C(O)OR^c$, or $C(O)NR^cR^d$.

33. The compound of claim 29, wherein R_3 is



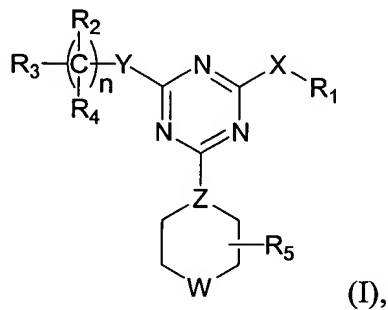
in which each of A and A', independently, is O, S, or NH;
each of R^e and R^f , independently is H, alkyl, aryl, or heteroaryl; and
m is 1 or 2.

34. The compound of claim 29, wherein R_1 is

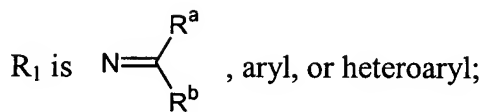


35. The compound of claim 34, wherein R^j is methyl, ethyl, propyl, or benzyl; and r is
1 or 2.

36. A compound of formula (I):



wherein



each of R_2 , R_4 , and R_5 , independently, is R^c , halogen, nitro, nitroso, cyano, azide,
isothionitro, SR^c , or OR^c ;

R_3 is R^c , alkenyl, alkynyl, aryl, heteroaryl, cyclyl, heterocyclyl, OR^c , $OC(O)R^c$, SO_2R^c , $S(O)R^c$, $S(O_2)NR^cR^d$, SR^c , NR^cR^d , NR^cCOR^d , $NR^cC(O)OR^d$, $NR^cC(O)NR^cR^d$, $NR^cSO_2R^d$, COR^c , $C(O)OR^c$, or $C(O)NR^cR^d$;

n is 0, 1, 2, 3, 4, 5, 6, or 7;

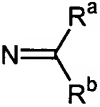
X is O, S, $S(O)$, $S(O_2)$, or NR^c ;

Y is a covalent bond, CH_2 , $C(O)$, $C=N-R^c$, $C=N-OR^c$, $C=N-SR^c$, O, S, $S(O)$, $S(O_2)$, or NR^c ;

Z is CH ; and

W is O, S, $S(O)$, $S(O_2)$, NR^c , or $NC(O)R^c$;

in which each of R^a and R^b , independently, is H, alkyl, aryl, heteroaryl; and each of R^c and R^d , independently, is H, alkyl, or alkylcarbonyl.

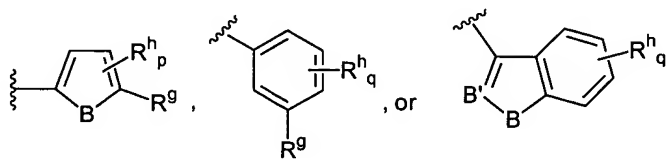
37. The compound of claim 36,  wherein R_1 is .

38. The compound of claim 37, wherein W is O; and R_5 is H or alkyl.

39. The compound of claim 37, wherein X is NR^c ; and R^c is H, methyl, ethyl, or acetyl.

40. The compound of claim 37, wherein Y is O or CH_2 , and n is 0, 1, 2, 3, or 4.

41. The compound of claim 37, wherein one of R^a and R^b is



in which B is NR^i , O or S;

B' is N, CH, or CR^i ;

R^g is H, alkyl, or alkoxy;

R^h is halogen, CN, hydroxyl, alkyl, aryl, heteroaryl, alkoxy, aryloxy, or heteroaryloxy;

R^i is H, alkyl, or alkylcarbonyl;

p is 0, 1, or 2; and

q is 0, 1, 2, 3, or 4.

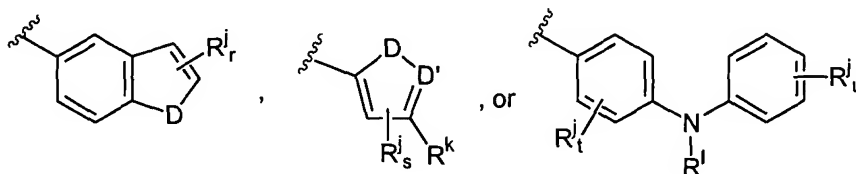
42. The compound of claim 36, wherein R_1 is aryl or heteroaryl.

43. The compound of claim 42, wherein W is O; and R_5 is H or alkyl.

44. The compound of claim 42, wherein X is NR^c ; and R^c is H, methyl, ethyl, or acetyl.

45. The compound of claim 42, wherein Y is O or CH_2 , and n is 0, 1, 2, 3, or 4.

46. The compound of claim 42, wherein R_1 is



in which D is O, S, or NR^m ;

D' is N or CR^m ;

R^j is halogen, CN, hydroxyl, alkyl, aryl, heteroaryl, alkoxyl, aryloxy, or heteroaryloxy;

R^k is aryl or heteroaryl;

R^l is H, alkyl, or alkylcarbonyl;

R^m is H, alkyl, or alkylcarbonyl;

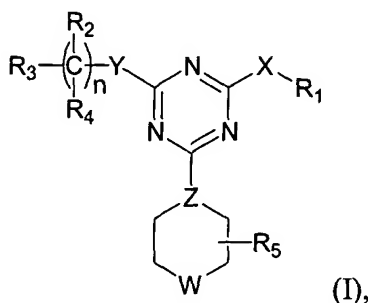
r is 0, 1, or 2;

s is 0 or 1;

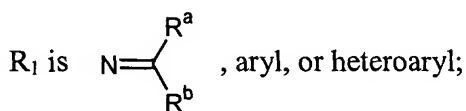
t is 0, 1, 2, 3, or 4; and

u is 0, 1, 2, 3, 4, or 5.

182 47. A method for treating an interleukin-12 overproduction-related disorder,
 183 comprising administering to a subject in need thereof an effective amount of the compound of
 184 formula (I):



185 wherein



190 each of R_2 , R_4 , and R_5 , independently, is R^c , halogen, nitro, nitroso, cyano, azide,
 191 isothionitro, SR^c , or OR^c ;

192 R_3 is R^c , alkenyl, alkynyl, aryl, heteroaryl, cyclyl, heterocyclyl, OR^c , OC(O)R^c , SO_2R^c ,
 193 S(O)R^c , $\text{S(O}_2\text{)NR}^c\text{R}^d$, SR^c , NR^cR^d , NR^cCOR^d , $\text{NR}^c\text{C(O)OR}^d$, $\text{NR}^c\text{C(O)NR}^c\text{R}^d$, $\text{NR}^c\text{SO}_2\text{R}^d$, COR^c ,
 194 C(O)OR^c , or $\text{C(O)NR}^c\text{R}^d$;

195 n is 0, 1, 2, 3, 4, 5, 6, or 7;

196 X is O, S, S(O) , $\text{S(O}_2\text{)}$, or NR^c ;

197 Y is a covalent bond, CH_2 , C(O) , C=N-R^c , C=N-OR^c , C=N-SR^c , O, S, S(O) , $\text{S(O}_2\text{)}$, or
 198 NR^c ;

199 Z is N or CH; and

200 W is O, S, S(O) , $\text{S(O}_2\text{)}$, NR^c , or NC(O)R^c ;

201 in which each of R^a and R^b , independently, is H, alkyl, aryl, heteroaryl; and each of R^c
 202 and R^d , independently, is H, alkyl, or alkylcarbonyl.

203
 204 48. The method of claim 47, wherein the disorder is rheumatoid arthritis, sepsis,
 205 Crohn's disease, multiple sclerosis, psoriasis, or insulin-dependent diabetes mellitus.